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PATENT & TRADEMARK OFFICE

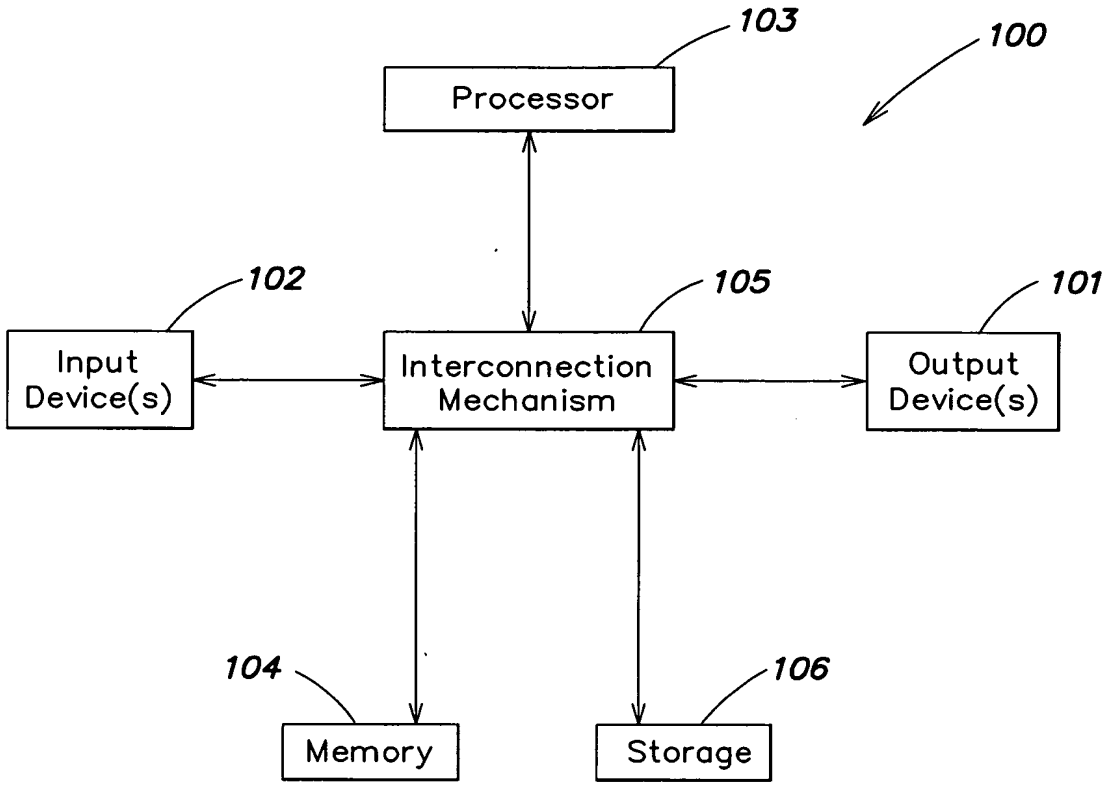

FIG. 1

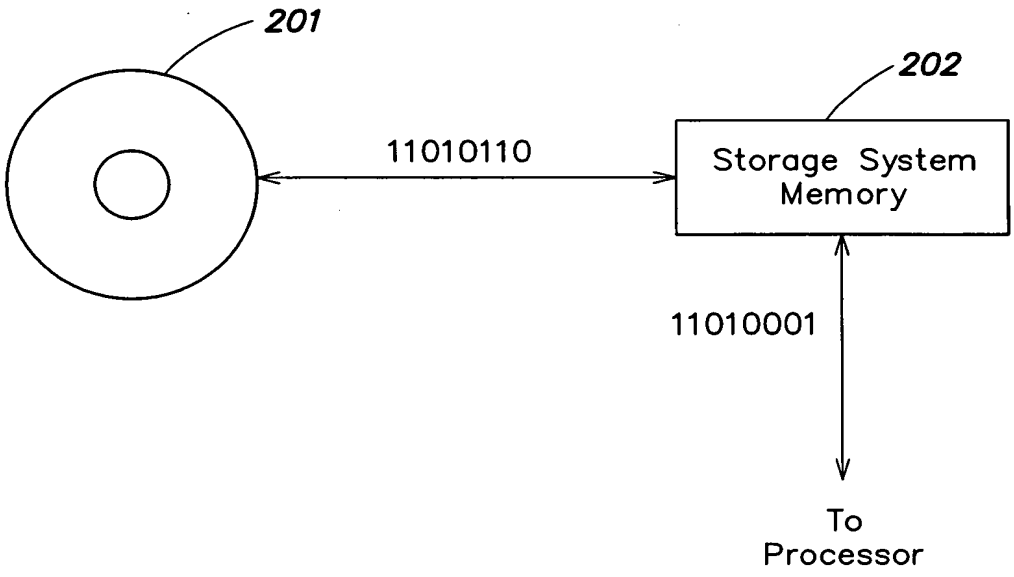
201
202
11010110
Storage System Memory
11010001
To Processor

FIG. 2

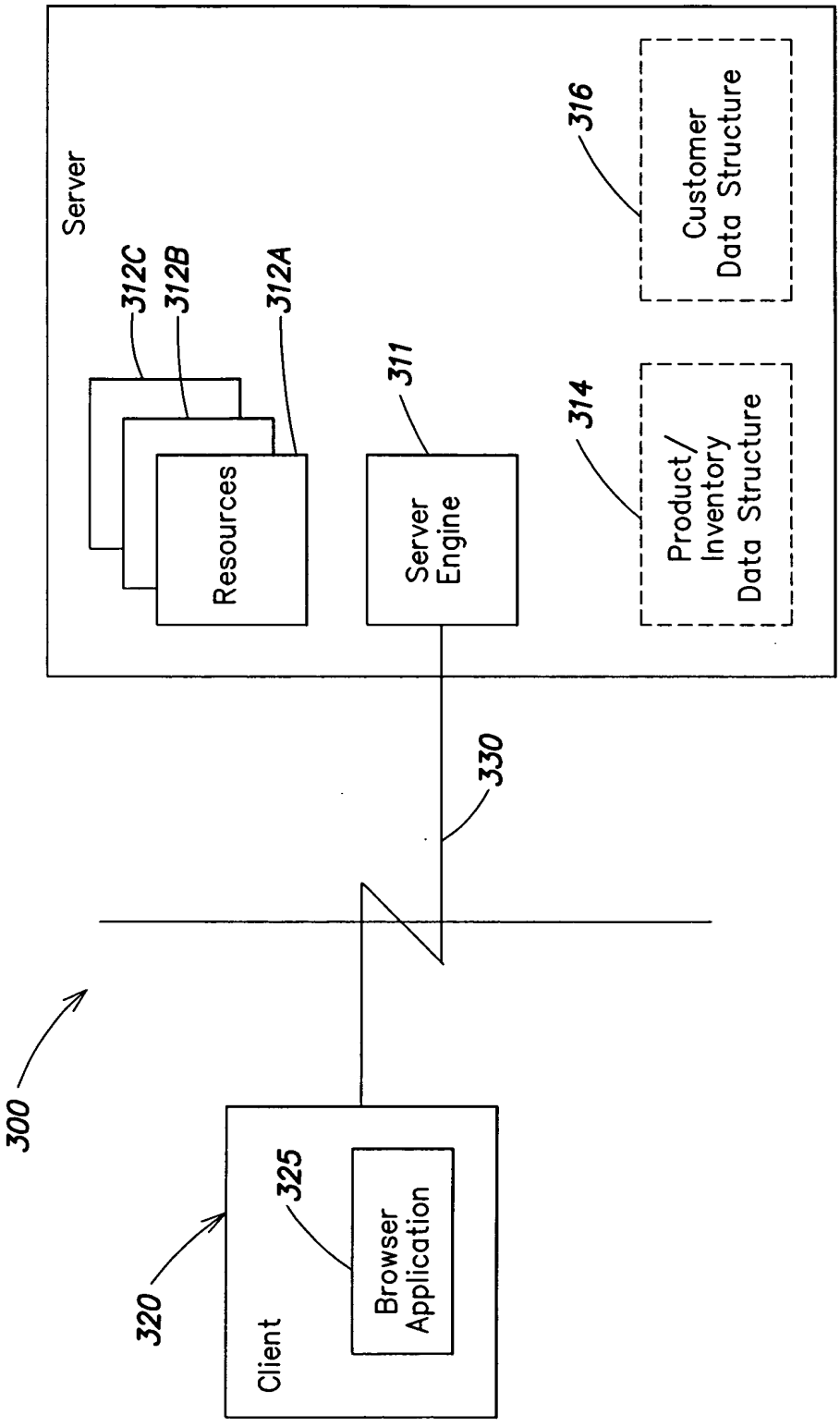
Server
312C
312B
312A
Resources
311
Server Engine
316
Customer Data Structure
314
Product/ Inventory Data Structure
330
300
320
Client
325
Browser Application

FIG. 3

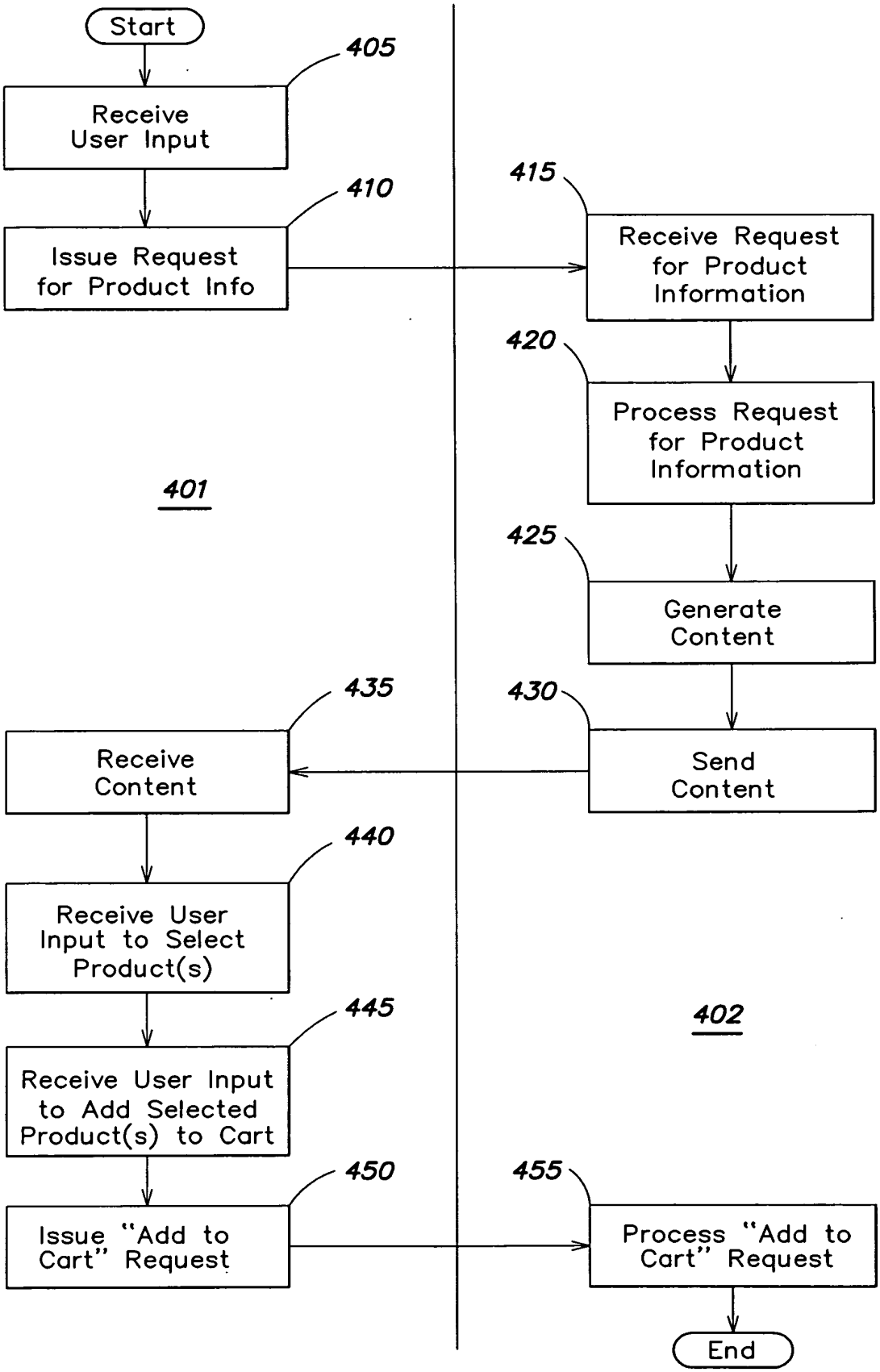
Start
405
Receive User Input
410
Issue Request for Product Info
415
Receive Request for Product Information
420
Process Request for Product Information
401
425
Generate Content
430
Send Content
435
Receive Content
440
Receive User Input to Select Product(s)
445
Receive User Input to Add Selected Product(s) to Cart
402
450
Issue "Add to Cart" Request
455
Process "Add to Cart" Request
End

FIG. 4

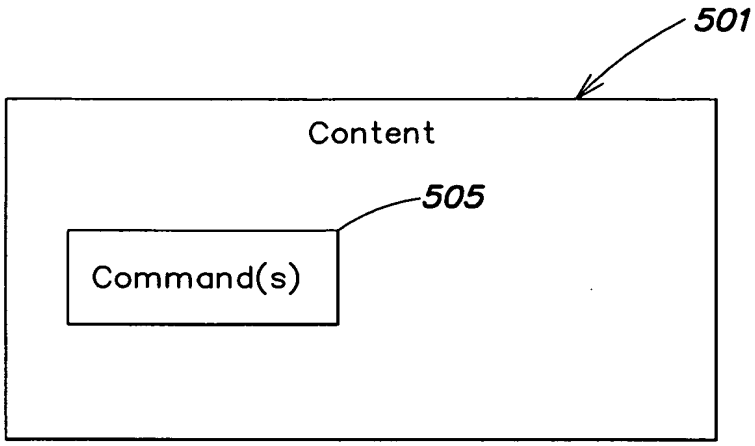

FIG. 5

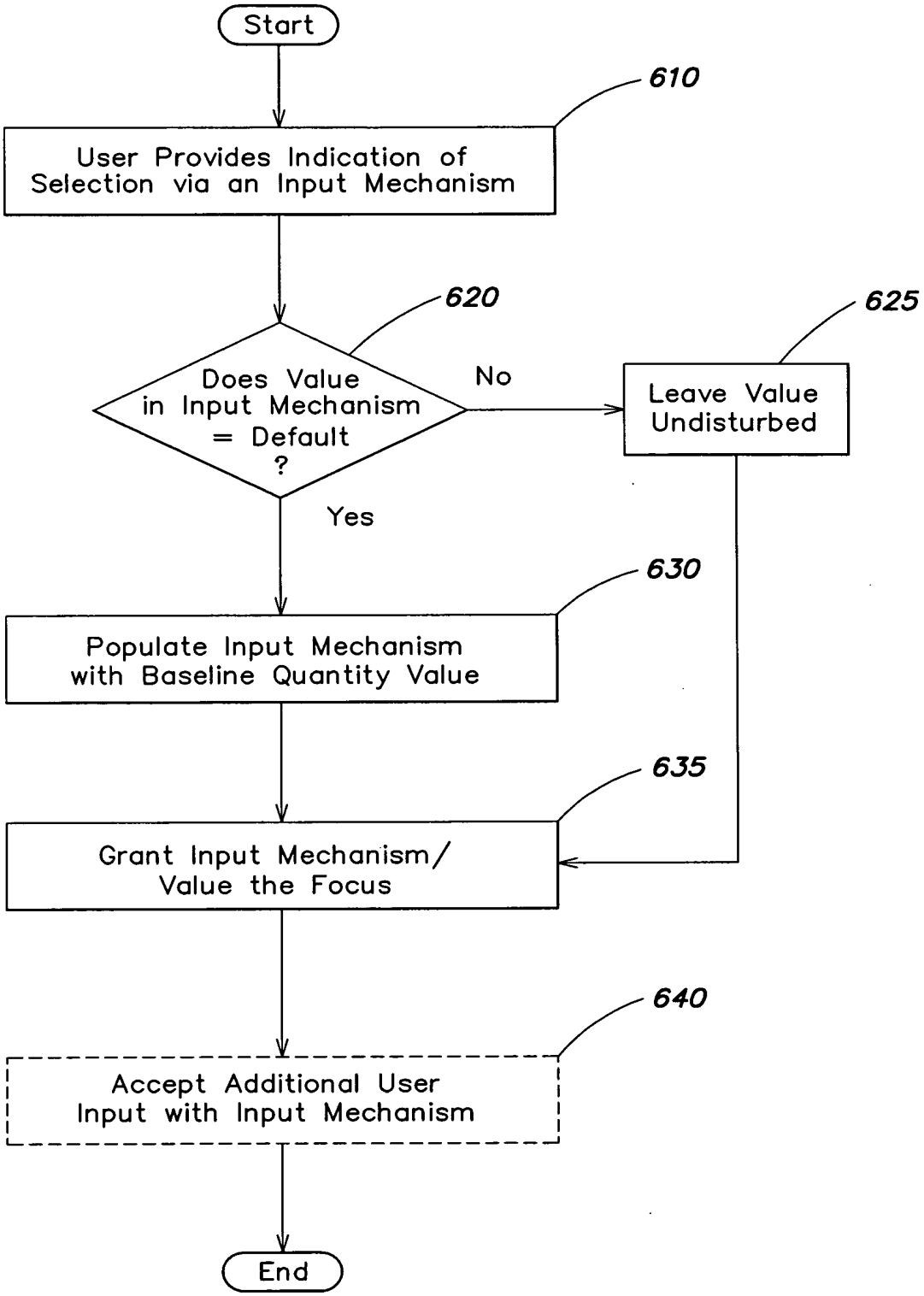
Start
610
User Provides Indication of Selection via an Input Mechanism
620
Does Value in Input Mechanism = Default ?
No
625
Leave Value Undisturbed
Yes
630
Populate Input Mechanism with Baseline Quantity Value
635
Grant Input Mechanism/ Value the Focus
640
Accept Additional User Input with Input Mechanism
End

FIG. 6

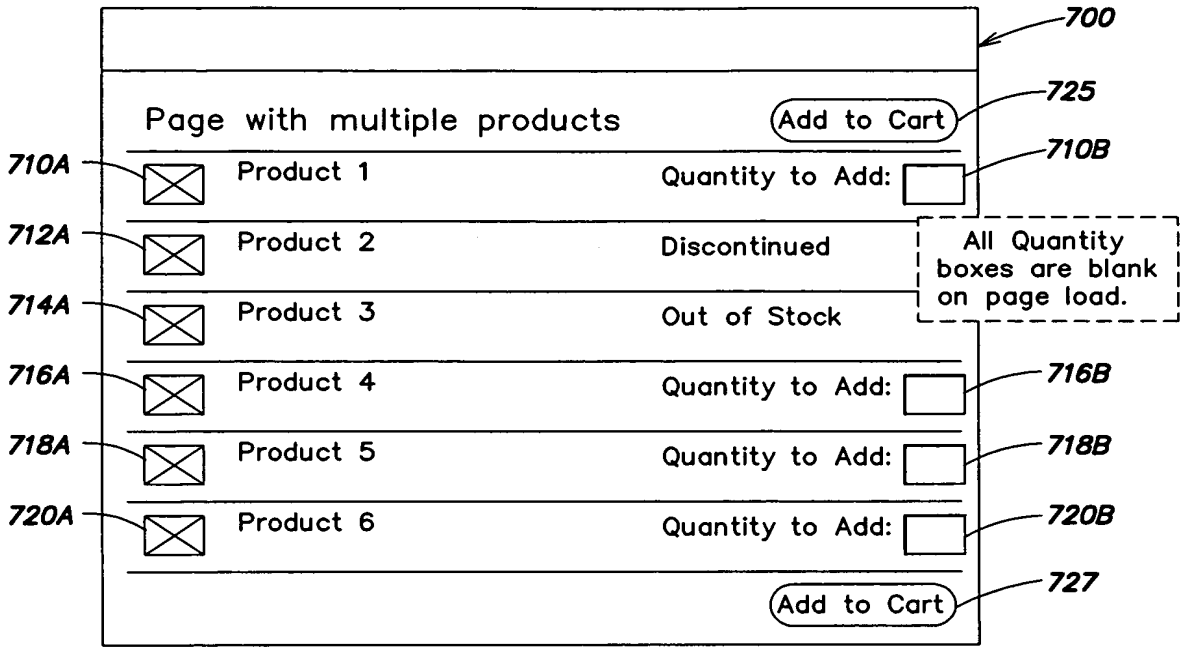
700
Page with multiple products
Add to Cart
725
710A
Product 1
Quantity to Add:
710B
712A
Product 2
Discontinued
714A
Product 3
Out of Stock
All Quantity boxes are blank on page load.
716A
Product 4
Quantity to Add:
716B
718A
Product 5
Quantity to Add:
718B
720A
Product 6
Quantity to Add:
720B
Add to Cart
727

FIG. 7A

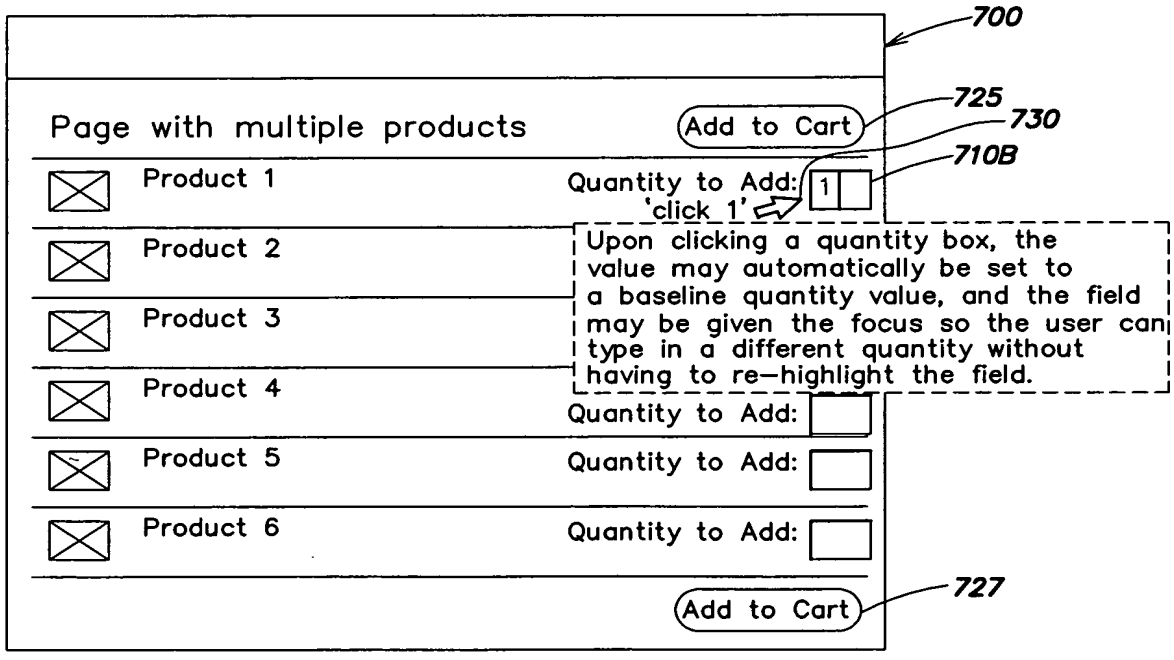
700
Page with multiple products
Add to Cart
725
730
710B
Product 1
Quantity to Add:
1
'click 1'
Upon clicking a quantity box, the value may automatically be set to a baseline quantity value, and the field may be given the focus so the user can type in a different quantity without having to re-highlight the field.
Product 2
Product 3
Product 4
Quantity to Add:
Product 5
Quantity to Add:
Product 6
Quantity to Add:
Add to Cart
727

FIG. 7B

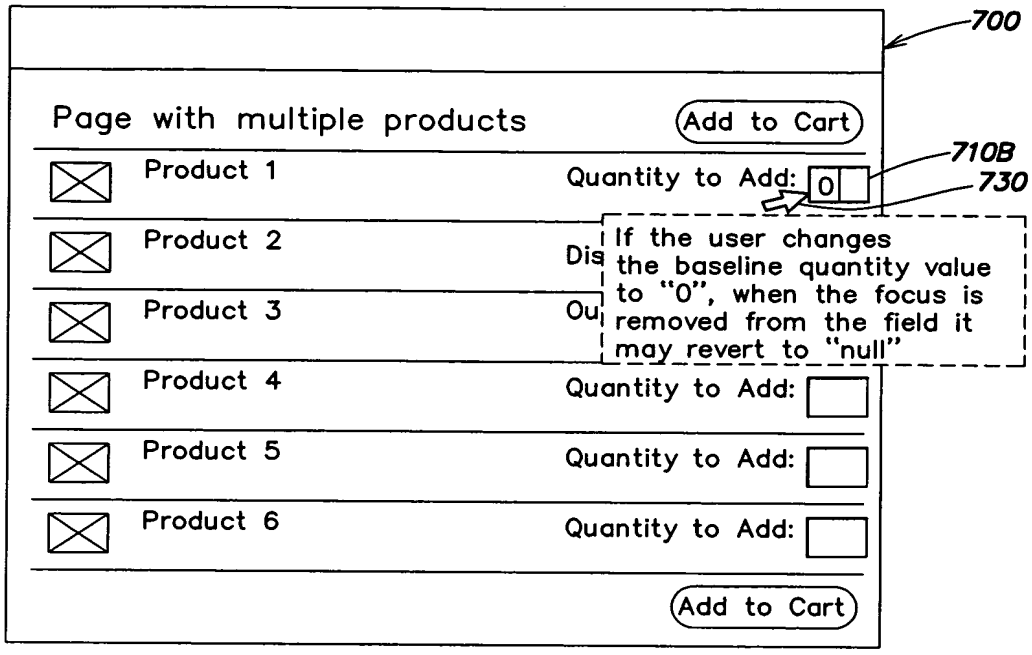
700
Page with multiple products
Add to Cart
Product 1
Quantity to Add: 0
710B
730
Product 2
Dis
Product 3
Ou
If the user changes the baseline quantity value to "0", when the focus is removed from the field it may revert to "null"
Product 4
Quantity to Add:
Product 5
Quantity to Add:
Product 6
Quantity to Add:
Add to Cart

FIG. 7C

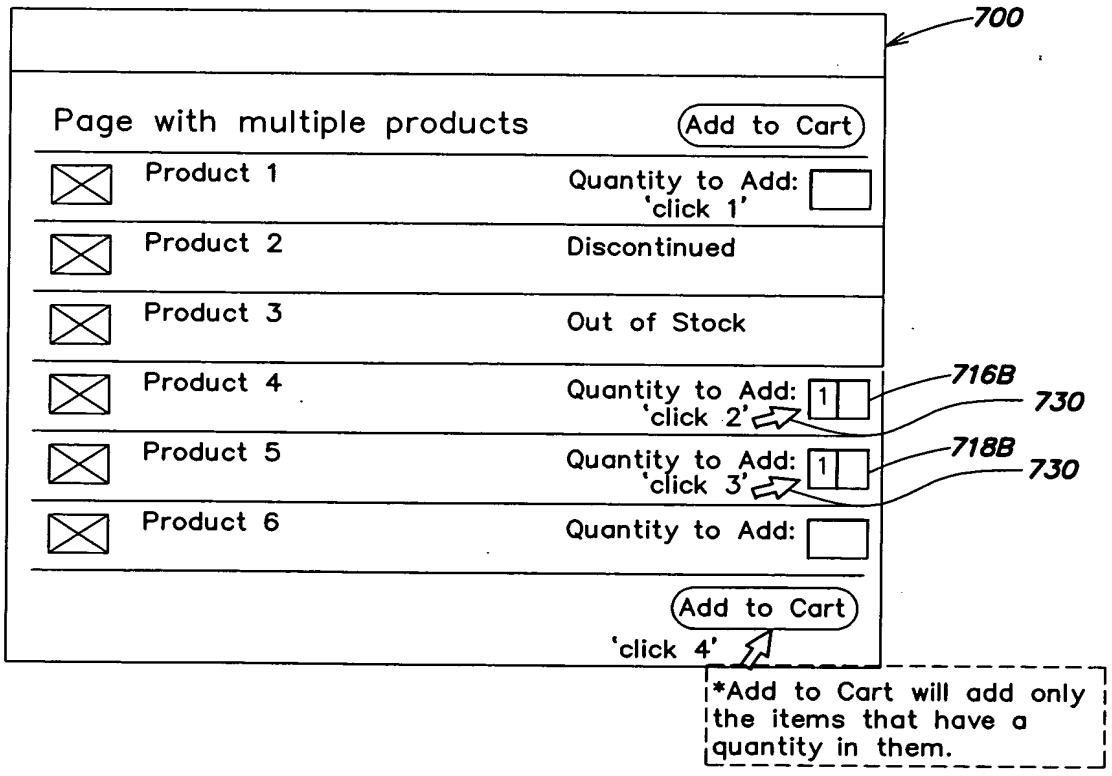
700
Page with multiple products
Add to Cart
Product 1
Quantity to Add:
'click 1'
Product 2
Discontinued
Product 3
Out of Stock
Product 4
Quantity to Add: 1
'click 2'
716B
730
Product 5
Quantity to Add: 1
'click 3'
718B
730
Product 6
Quantity to Add:
Add to Cart
'click 4'
*Add to Cart will add only the items that have a quantity in them.

FIG. 7D

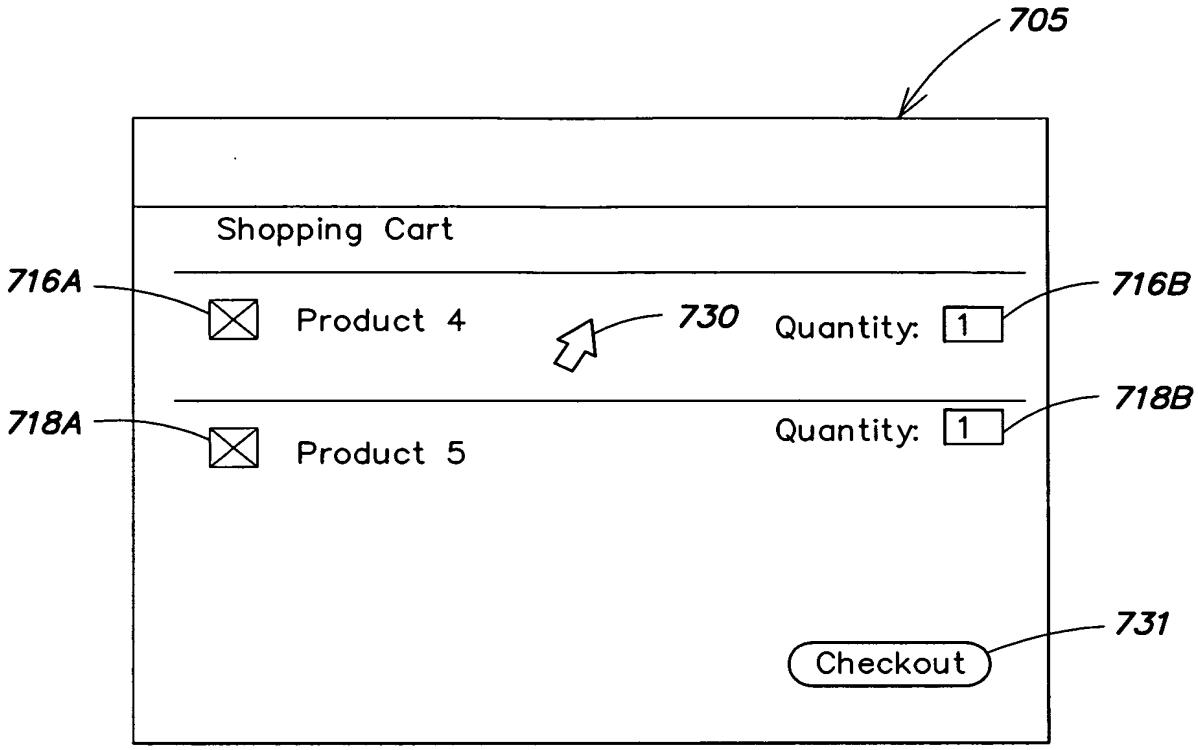
705
Shopping Cart
716A
Product 4
730
Quantity: 1
716B
718A
Product 5
Quantity: 1
718B
731
Checkout

FIG. 7E